Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Thursday 19 Aug 2021 until 23:59 on Friday 20 Aug 2021

Forecast Issued on Thursday 19 Aug 2021 at 02:35

Confidence: High confidence for predominantly cloudy and rather dull conditions over the coming days and for a spell of heavy rain over the weekend. The main uncertainty relates to the extent of brighter weather in the east, and for timing of heavier rainfall.

Headline for Thursday 19 Aug 2021: A dull, damp start, then some brighter spells by afternoon but also a few showers.

Mountain weather hazards on Thursday 19 Aug 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Low Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Drizzle	Cloudy	Sunny intervals	Heavy Rain	Sunny intervals	Partly cloudy (night)
Precipitation probability					
60%	30%	20%	60%	40%	20%

Forecast for Thursday 19 Aug 2021

Weather: Rather cloudy to start with the odd spot of light rain and drizzle. Brief sunny spells developing for a time, before further cloud spreads east in the afternoon, bringing the chance of a few showers. Showers clearing eastwards in the evening.

Chance of cloud free mountain/hill tops above 600m: 20-30% increasing to 70% by midday.

Visibility: Poor at first with extensive cloud with bases around 400-600m and occasional drizzle across western parts. Improving as cloud breaks up and lifts to around 700m by the afternoon but suddenly deteriorating in any showers.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Mountain Weather Forecast

Forecast for Thursday 19 Aug 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/12 W	10/13 W	10/14 W	10/14 SW	7/10 W	5/7 W	4/5 SW
300	5/13 W	6/12 W	7/13 W	7/12 W	5/9 SW	2/6 W	1/4 SW
Valley	1/6 W	4/8 W	5/10 W	6/11 SW	4/8 SW	1/4 W	1/3 E

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/7	11/8	12/10	12/10	11/10	11/10	11/10
300	12/11	14/13	16/14	14/13	14/13	13/13	12/12
Valley	13/13	15/14	17/16	16/15	15/15	14/14	13/13
Freezing Level*	3100m	2400m	2400m	2600m	2700m	2600m	2600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Poor visibility above modest elevations suggests lower level routes may be most rewarding. Best of the brightness expected across the more sheltered north and east.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Wed 18 Aug 2021	7.2mm	8.8mm	10.2mm

Forecast for Friday 20 Aug 2021

Weather: Cloudy and humid with some patchy rain and drizzle spreading in from the southwest, but generally remaining on the light side. Poor visibility will likely be the main hazard on the hills with cloud thickening through the day.

Maximum wind: South 10-15mph gusting 20-25mph.

Chance of cloud free mountain/hill tops above 600m: 40% at first reducing to 20% by the afternoon.

Visibility: Large areas of cloud above 400m will drift northeastwards across the area bringing generally very poor visibility to the hills. Visibility often hazy at low levels. Best shelter across the north.

Temperature: **Valleys:** Plus 12 Celsius rising to 20 Celsius.
At 600m: Plus 13 Celsius.
Freezing level: Well above summits.

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